

The University of Bremen (Department of Geosciences) is offering upon release of budgetary funding

2 Ph.D. positions for 3 years

Salary group 13 TV-L (½)

The respective projects are part of the DFG Priority Program 1158 „Antarctic Research with Comparable Investigations in Arctic Sea Ice Areas“, and will be carried out in cooperation with the Alfred Wegener Institute for Polar and Marine Research (AWI) and the Federal Institute for Geosciences and Natural Resources (BGR).

The project aims to reconstruct the uplift and exhumation history of the West Antarctic Rift system in the vicinity of the Ross Sea in response to tectonic and climatic changes. Both positions involve a participation in a two-month Antarctic expedition during the Austral summer 2009/10. Target areas are the Transantarctic Mountains of northern Victoria Land (terrestrial field campaign) and the coast of Marie Byrd Land (“Polarstern” cruise). The full project proposals are available on request. For more information contact Dr. Frank Lisker (Transantarctic Mountains, flisker@uni-bremen.de) or Prof. Cornelia Spiegel (Marie Byrd Land, cornelia.spiegel@uni-bremen.de).

The Ph.D. candidates will be responsible for structural mapping and sampling in the field, for analysing the samples by fission track and other isotopic dating techniques, and to interpret and model the generated data.

The University of Bremen seeks to increase the number of women in research and therefore strongly encourages women to apply. Disabled applicants will be given priority in case of equivalent aptitude.

Requirements are a diploma or master degree in Geosciences or a related field, strong analytical skills, good language skills in English, the ability to do field work in polar, mountainous areas and to participate in expeditions aboard research vessels, and the willingness to cooperate in an international team. Methodological knowledge of thermochronological dating methods is an advantage but not a prerequisite.

Please send your application including a letter of motivation, CV, photocopies of degree certificates, and addresses of two references until the 31st of August to: G. Haack, Fachbereich 5 – Geowissenschaften, Universität Bremen, PF 330 440, 28334 BREMEN, Germany, or via email to ghaack@uni-bremen.de. Please, indicate if there should be any preference for one of the two positions.